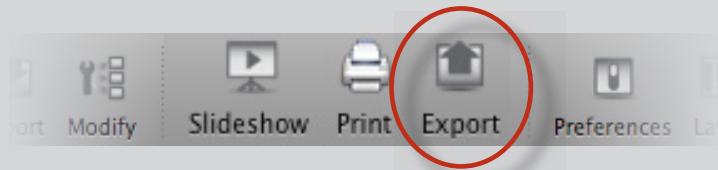
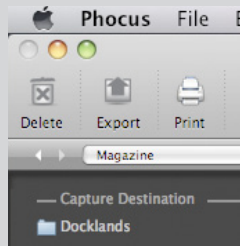




Phocus by Hasselblad User Manual

## Export (Light & Standard Modes)



**Export** allows you to export (convert) images into a variety of file formats such as JPEG, TIFF, DNG etc. It also offers simultaneous export of extra copies in the same or another file format.

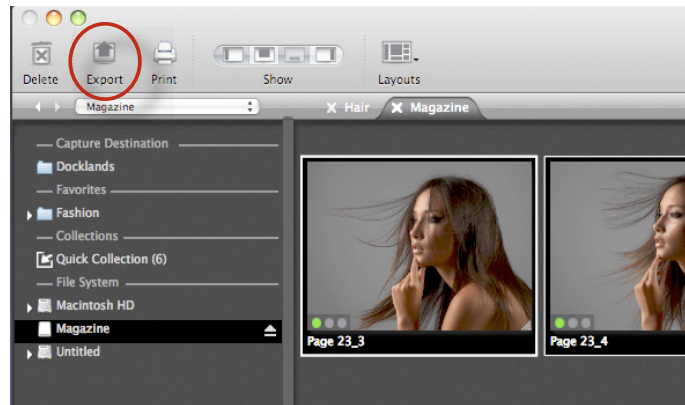
1. In the **Thumbnail Browser**, select the files you want to export then either:

- click the **Export** icon in the toolbar
- choose **Export** via the **File** menu
- use the shortcuts:

 + S

 + S

Any of these reveals the **Export** dialog box.

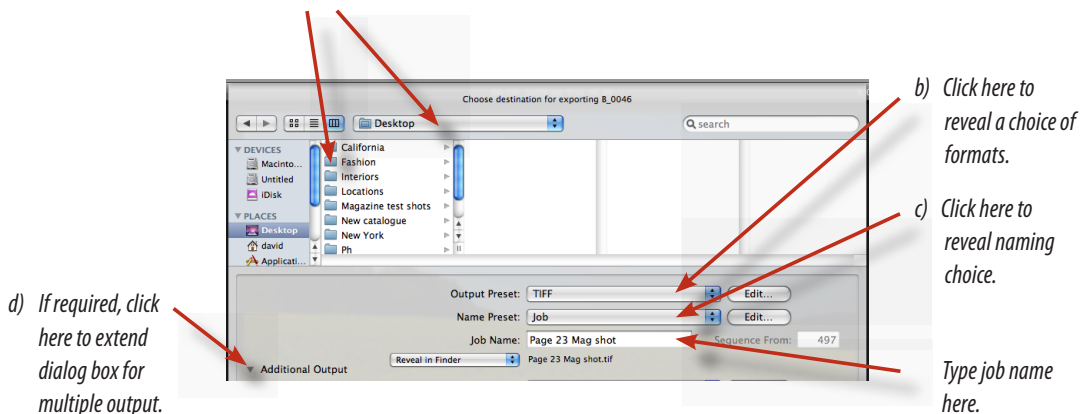


*Thumbnails bordered with white show they have been selected.*

2. The **Export** dialog provides several choices:

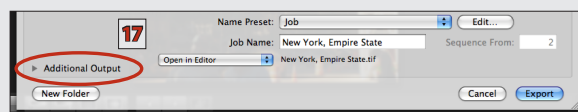
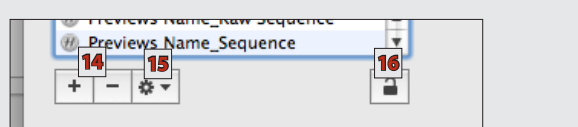
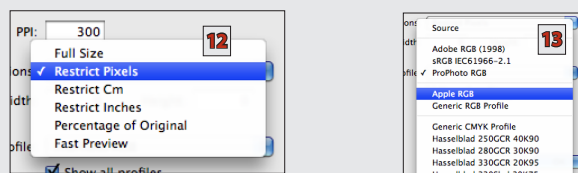
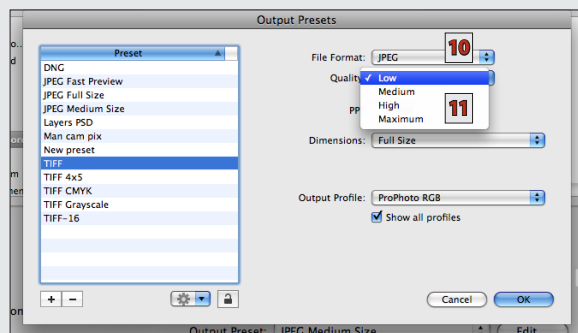
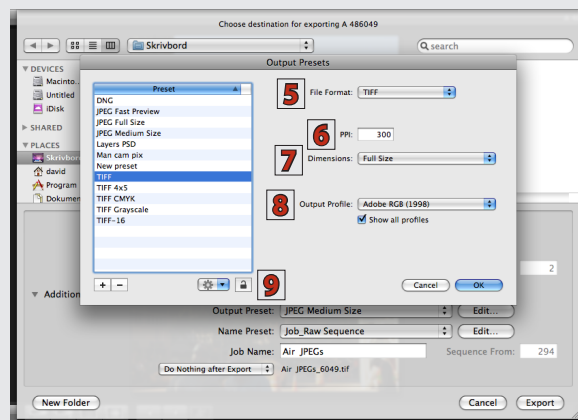
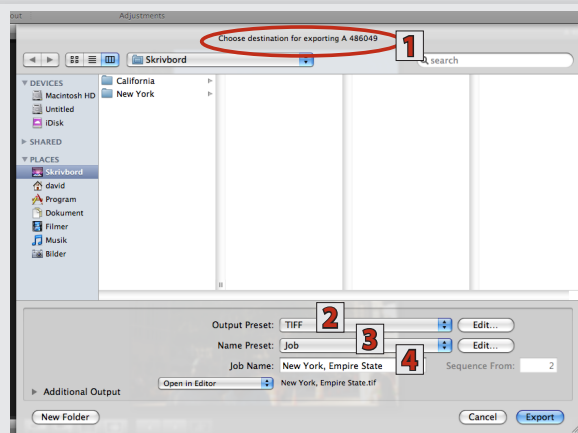
- a) Where you want the exported file(s) to be stored.
- b) What types of file(s) you want.
- c) What type of naming you want the file(s) to have.
- d) Multiple output.

*a) Choose file destination in conventional manner.*



(See **Adjustments** section for full details about choices )

## Presets - general



Presets are essentially shortcuts to default or user created and stored settings. They save time and effort as well as provide security regarding various automated tasks.

In Phocus, presets occur as an integral part of a number of different actions. Some presets can also be accessed from different locations. For example, in **Output Preview** in Tools, you might choose TIFF as your preferred format in the **Preset** menu. When exporting, the options window not only displays this choice in the **Output Preset** menu but also allows you to change it again.

A change made here, to Layers PSD for instance, is immediately reflected back in the **Output Preview** tool. In other words, a preset is an independent feature that can be accessed, changed and checked at various locations. References to it are continually and automatically updated.

### Example - Output presets

When exporting an image, the **Export** window displays a list of options, the first being destination **1** for the file, chosen in the conventional manner.

The lower part of the window lists: **Output Preset 2**, **Name Preset 3**, **Job Name 4** etc. **Output Preset** and **Name Preset** have **Edit** buttons.

Clicking on the **Edit** button for **Output Preset** will display an options panel: **File format 5**, **PPI 6**, **Dimensions 7** and **Output profile 8**.

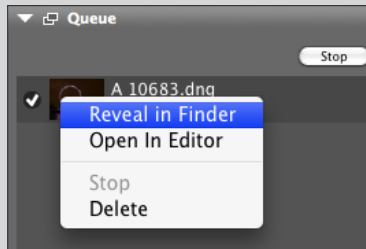
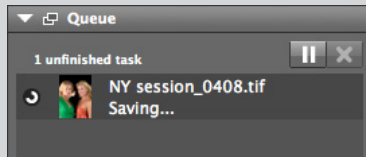
In this example, the **File Format** shows TIFF as the choice, which would have been shown in the **Output Preview** tool. (The choices are often displayed dimmed because the presets are locked. Clicking on the unlock symbol **9** allows access to the menus).

If JPEG is now selected on the list, JPEG is displayed in the **File Format** menu **10**. Clicking on the menu reveals further choices **11**.

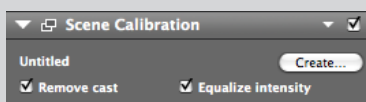
Clicking on the menus will reveal lists of choices available, for example **Dimensions 12** and **Output Profile 13**.

The plus and minus signs **14** allow the addition and deletion of presets from the list. Presets can also be duplicated, exported and imported **15**. You can also lock all settings to prevent inadvertent deletion **16**.

**Additional Output 17**, is also an option available in the **Export** window. Extra preset choices are revealed here and are selected in the same manner as above.



One file in the Export queue.



### Tip

You can resize the Queue window by dragging the bottom edge if there are a large number of files on the list.

### Tip

Drag thumbnails to the Queue tool as a quick alternative to Export as Previous.

## Queue

Displays files scheduled for export, files currently being exported in the background and files already exported as well as files being imported in the background from a card reader or connected disk.

If the file has been adjusted and/or cropped, then this is also reflected in the **Queue** thumbnail. You can **Ctrl** / **Right click** the file to open a list of options (**Reveal in Finder**, **Open in Editor**, **Show Thumbnails**, **Stop** and **Delete**).

Files in the queue can be selected (**⌘** + **A** / **Ctrl** + **A** for all) and paused by the Pause button, stopped or deleted via the **Options** or deleted by **Backspace** / **Delete**. The pause button will temporarily stop any further exports remaining in the queue not currently being exported. Thumbnail files can also be dragged and dropped onto the **Queue** tool to **Export as Previous**.

The number of unfinished export tasks also appears on the Phocus icon in the dock as a reminder.

## Reproduction

Allows the possibility of specifying a custom input profile. This tool is not included in the initial default setting as it is not commonly required. It can be added by clicking on the menu triangle on the tool header.

When generating the input file to be used by your profiling tool, it is important to export with an output preset where the profile is set to **Source**. Using the **Source** profile means that no ICC transformations will be applied to the data in the file.

The reproduction mode provides the option to produce a colorimetric representation. This utilizes other imaging techniques that include the use of a linear film response curve. Check the **Reproduction mode** box to activate.

## Scene Calibration

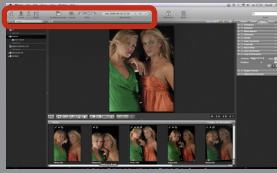
This tool helps to remove a color cast and/or uneven illumination caused by lighting variations. It has two checkboxes: **Remove cast** and **Equalize intensity**.

**Remove cast:** Particularly useful when tilt and shift are used, for example, where a partial unwanted color cast can sometimes be produced. Proceed as follows:

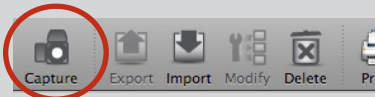
1. Create a calibration image by making a capture - tethered or untethered - of a neutral grey surface (or use an opaque filter) using the same lighting, exposure settings, focus settings, shift & tilt settings etc. as the problem image. If the capture was untethered, import it into Phocus (to make it a 3F file).
2. Select the thumbnail of the calibration image and then click the Create button in the Scene Calibration tool. A dialog prompts you to name the new correction.
3. With the problem image loaded in the Viewer, click on the menu triangle of the Scene Calibration tool header and select the newly created file from the list.
4. Ensuring the Scene Calibration tool is active, check the Remove cast box to view the improvements. Also, check the Equalize intensity box to test if a combination is even better.

This correction can then be applied to multiple images using the **Modify** dialog.

# Toolbar

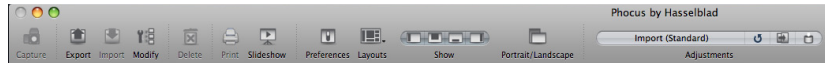


- ✓ Icon & Text
- Icon Only
- Text Only
- Use Small Size
- Remove Item
- Customize Toolbar...

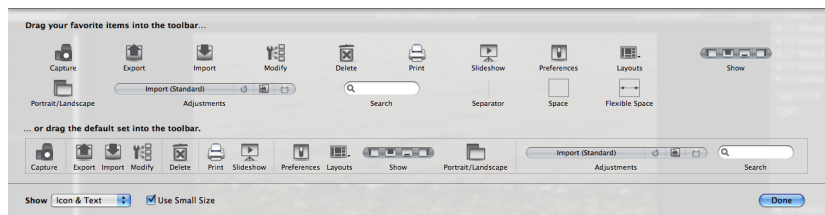


## Tip

Hide the Toolbar by clicking on the button located on the top right of the menu (Mac).



Illustrated above is just one example of a possible **Toolbar** display. **Ctrl / Right** click the bar, to select a number of display options. Select **Customize Toolbar** to open the dialog illustrated below (Mac). This provides the opportunity to customize the layout by drag and drop, to change the size of the icons and text etc. You can drag and drop selected items or the default set onto the bar and delete items by drag and drop off the bar.



## Capture

During capture, shots from a tethered camera are stored directly as 3F files in the chosen destination folder. According to model, a capture can also be controlled and initiated remotely from the keyboard.


See **Tethered Capture** section for further details .

## Export

Click on the **Export** button to open the dialog. This allows you to choose the file format, resolution, profile etc. of the exported files.

The first option is destination for the file, followed by:

- **Output Preset:** Contains a list of image file formats. Press **Edit** to open an extra dialog containing **File format, Quality, PPI, Dimensions** and **Output** profile.
- **Name Preset:** Contains a list of file-naming variables. Press **Edit** to open an extra dialog for a number of choices about naming variables.
- **Job Name:** Allows a name change.
- A post-export option
- An **Additional Output** option

Presets can be edited to provide a very wide range of possibilities. See specific sections in this manual about **Output** and **Name presets**  to learn more about this powerful aspect of Phocus.

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